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**COMMISSIONER FOR PATENTS**  
**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**WASHINGTON, D.C. 20231**  
**[www.uspto.gov](http://www.uspto.gov)**

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/771,371	01/26/2001	Andrew V. Kadatch	3382-55827

**CONFIRMATION NO. 6459**

## FORMALITIES LETTER



\*OC000000005823417\*

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP  
One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, OR 97204

Date Mailed: 03/05/2001

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
  - o Total additional claim fee(s) for this application is \$374. (*should be \$ 294*)
    - \$54 for 3 total claims over 20.
    - \$320 for 4 independent claims over 3. (*Should be \$240*)
  - o The oath or declaration is unsigned.
  - o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
  - o The balance due by applicant is \$ 1214. (*should be \$ 1134*)

*A copy of this notice **MUST** be returned with the reply.*

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### **Customer Service Center**

Initial Patent Examination Division (703) 308-1202

**PART 2 - COPY TO BE RETURNED WITH RESPONSE**

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Attorney Reference Number 3382-55827

sector  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of: Kadatch

Application No. 09/771,371

Filed: January 26, 2001

For: QUANTIZATION LOOP WITH HEURISTIC  
APPROACH

Examiner: Not yet assigned

Date: March 27, 2001

Art Unit: 2641

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on March 27, 2001, as First Class Mail in an envelope addressed to:  
BOX MISSING PARTS, COMMISSIONER FOR PATENTS,  
WASHINGTON D.C. 20231.

  
Kyle B. Rinehart  
Attorney for Applicant

MISSING PARTS TRANSMITTAL LETTER

BOX MISSING PARTS  
COMMISSIONER FOR PATENTS  
Washington, DC 20231

Enclosed for filing in the application referenced above are the following:

- Copy of Notice to File Missing Parts of Application--Filing Date Granted
  - Basic Filing Fee of \$710.00
  - Additional claim fee of \$294.00
  - Assignment and Recordal Fee of \$40.00
  - Combined Declaration and Power of Attorney
  - Surcharge for Late Filing of Fee or Oath or Declaration of \$130.00
  - Request for Corrected Official Filing Receipt
  - A check in the amount of \$1,174.00 to cover the above-listed fees
- 
- The Director is hereby authorized to charge any additional fees which may be required, or credit over-payment, to Account No. 02-4550. A copy of this sheet is enclosed.
  - Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP

By

  
Kyle B. Rinehart  
Registration No. 47,027

One World Trade Center, Suite 1600

121 S.W. Salmon Street

Portland, Oregon 97204

Telephone: (503) 226-7391

Facsimile: (503) 228-9446

cc: Docketing

Patent Group Docketing Dept. (148491.1)



#4  
PATENT  
Attorney Reference No. 3382-55827

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Kadatch

Application No. 09/771,371

Filed: January 26, 2001

For: QUANTIZATION LOOP WITH  
HEURISTIC APPROACH

Art Unit: 2641

Examiner: Not yet assigned

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I hereby certify that this paper (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service on 3/27/2001 as First Class Mail in an envelope addressed to: BOX Missing Parts, COMMISSIONER FOR PATENTS, Washington, DC 20231.

  
\_\_\_\_\_  
Kyle B. Rinehart  
Attorney for Applicant(s)

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

BOX Missing Parts  
COMMISSIONER FOR PATENTS  
Washington, DC 20231

Sir:

Applicant received the official Filing Receipt for the application referenced above, a copy of which (with requested correction shown in red ink) is attached as Exhibit A.

The following error(s) appears on the Filing Receipt:

**IND CLAIMS 7**

**Should Read: IND CLAIMS 6**

Applicant requests that the identified error(s) be corrected and that a new official Filing Receipt be issued.

Please return the enclosed postcard to confirm that the items listed above have been received.



KBR:mlt 03/27/01 3382-55827 43267

PATENT  
Attorney Reference No. 3382-55827

Please call the undersigned if any further information is required.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP

By



Kyle B. Rinehart  
Registration No. 47,027

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446

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Page 1 of 4

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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/771,371	01/26/2001	2641	0.00	3382-55827	3	23	7

**CONFIRMATION NO. 6459****FILING RECEIPT**

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP  
One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, OR 97204

CC: MICROSOFT  
MS Ref: 1484011  
Date/Init: 3/13/01 mit



Date Mailed: 03/05/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Andrew V. Kadatch, Redmond, WA;

**Continuing Data as Claimed by Applicant****Foreign Applications**

If Required, Foreign Filing License Granted 03/02/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**Title**

Quantization loop with heuristic approach

**Preliminary Class**

704

